

GENERAL CERTIFICATE OF SECONDARY EDUCATION
DESIGN AND TECHNOLOGY
Textiles Technology

A574

Technical Aspects of Designing and Making

Candidates answer on the question paper.

OCR supplied materials:
None

Other materials required:
None

Wednesday 2 February 2011
Morning

Duration: 1 hour 15 minutes



Candidate forename		Candidate surname	
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Centre number						Candidate number				
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INSTRUCTIONS TO CANDIDATES

- Write your name, centre number and candidate number in the boxes above. Please write clearly and in capital letters.
- Use black ink. Pencil may be used for graphs and diagrams only.
- Read each question carefully. Make sure you know what you have to do before starting your answer.
- Write your answer to each question in the space provided. Additional paper may be used if necessary but you must clearly show your candidate number, centre number and question number(s).
- Answer **all** the questions in Section A and Section B.
- Do **not** write in the bar codes.

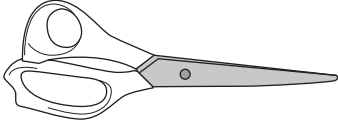


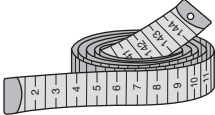

INFORMATION FOR CANDIDATES

- The number of marks is given in brackets [] at the end of each question or part question.
- The total number of marks for this paper is **60**.
- Your quality of written communication is assessed in the question marked with an asterisk (*).
- This document consists of **16** pages. Any blank pages are indicated.

Section A

Answer **all** questions.

- 1 (a) The table below shows tools used in a textiles room. Complete the table below giving **one** use for each of the tools shown. The first one has been done for you.

Tool	Use
	for cutting fabric or thread
	_____
	_____
	_____
	_____

[4]

- (b) List **four** features to look for when choosing a pair of scissors.

- 1
- 2
- 3
- 4 [4]

(c) An iron can be used to remove creases from fabric.
Give **two** more uses of an iron.

1

.....

2

..... [2]

(d) Fig. 1 shows a symbol that is displayed on many products.



Fig. 1

(i) State the meaning of the symbol.

.....

..... [1]

(ii) Give **one** example of a textiles product that carries this symbol.

.....

..... [1]

[Total: 12]

2 Fig. 2 shows two puppets made from felt fabric and decorated with hand stitching.

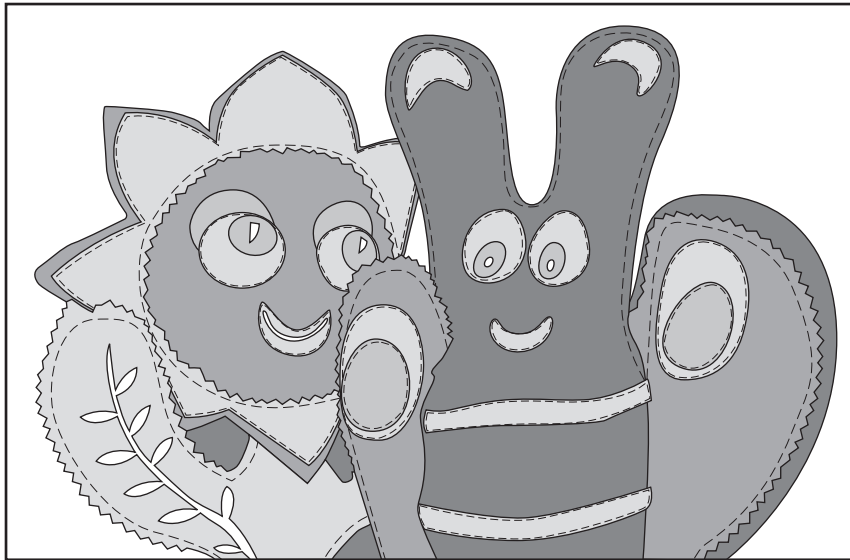


Fig. 2

(a) Name **one** hand stitch that could be used to decorate the puppets.

..... [1]

(b) State **two** decorative components that could be used to add interest to the puppets.

1

2 [2]

(c) Felt is made from wool fibres.
State **one** source of wool fibres.

..... [1]

(d) Describe how wool fibres are made into felt fabric.

.....
.....
.....
..... [2]

3 Fig. 3 shows a shopping bag with a screen printed design.



Fig. 3

(a) Give **three** reasons why a close weave polyester fabric has been used to make the bag.

- 1
 - 2
 - 3
- [3]

(b) (i) State **one** functional improvement that could be made to the design of the bag.

..... [1]

(ii) Explain how this improvement benefits the user.

.....

.....

.....

..... [2]

(c) Explain, using notes and diagrams, how to screen print a two colour design onto fabric.

[6]

[Total: 12]

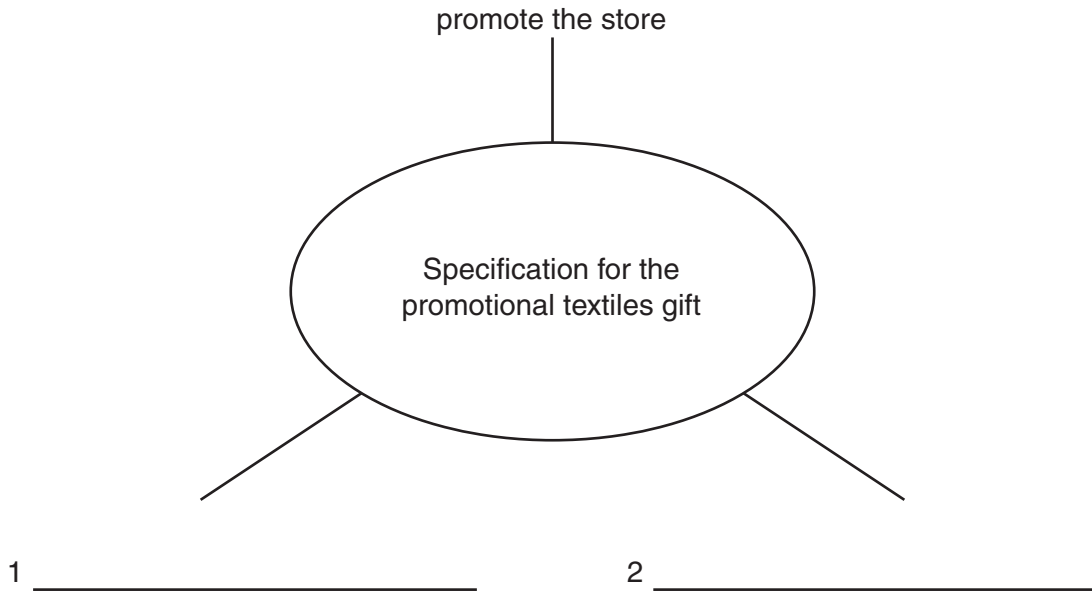
Section B

Answer **all** questions.

4 Textile products are often used for promotional purposes.

A new multi-media store is opening and requires a promotional textiles gift to give to customers.

(a) Complete the diagram below by identifying **two** other points that could be included in the specification for a promotional textiles gift.



[2]

- (b) In the space below sketch a design for a promotional textiles gift.
Annotate your sketch to show all important design and construction details.

[8]

(c) Explain how the promotional textiles gift you have designed will promote the store.

.....

.....

.....

..... [2]

[Total: 12]

11
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5 (a) Explain **three** advantages of using Computer Aided Design.

Advantage 1

.....

.....

.....

Advantage 2

.....

.....

.....

Advantage 3

.....

.....

..... [6]

14
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